

10-15-90

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PATENT APPLICATION  
DOCKET NO. 20809  
MPI 8031.1

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Steven V. Holsinger	)	Group Art Unit: 233
Serial No.:	07/519,497	)	Examiner: Unknown
Filed:	May 4, 1990	)	Date:
For:	HARD SECTORING CIRCUIT AND METHOD FOR A ROTATING DISK DATA STORAGE DEVICE	)	October 15, 1990

INFORMATION DISCLOSURE STATEMENT

TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS  
WASHINGTON, D.C. 20231

Sir:

Pursuant to the requirements of 37 C.F.R. §1.56(a), the following prior art references are known to Applicant and Applicant's attorney. The references are believed pertinent to the inventive concept disclosed and claimed in the above-identified application. Certain of the references may contain markings, underlinings or other notations. Should any of the references contain such markings or notations, such are not to be construed as drawing the Examiner's attention either to selected parts or away from other parts of the references, in that such markings were either present on the copies of the references obtained by Applicant, or were made thereon during the study of the references by Applicant and/or his attorney.

<u>U.S. Patent No.</u>	<u>Patentee(s)</u>
4,825,321	Hassel et al.
4,819,095	Asano et al.
4,714,967	Bizjak
4,577,240	Hedberg et al.
4,780,866	Syracuse
4,514,771	Stark et al.
4,432,025	Grogan

### Discussion of Prior Art References

1. U.S. 4,825,321, issued April 25, 1989 to Hassel et al., discloses a rotating disk data storage device in which data is recorded at different frequencies for different zones on the disk.

2. U.S. 4,819,095, issued April 4, 1989 to Asano et al., discloses a rotating disk data storage device servo system which also mentions index signals provided by magnets mounted on the disk to be detected by sensors mounted on the device case adjacent the disk.

3. U.S. 4,714,967, issued December 22, 1987 to Bizjak, discloses a rotating disk data storage device in which data is written at different rates to different zones defined on the disk.

4. U.S. 4,577,240, issued March 18, 1986 to Hedberg et al., discloses a rotating disk data storage device in which data is written to different zones defined on the disk.

5. U.S. 4,780,866, issued October 25, 1988 to Syracuse, discloses a rotating disk data storage device in which data is written at different rates to different zones defined on the disk.

6. U.S. 4,514,771, issued April 30, 1985 to Stark et al., discloses a rotating disk data storage device in which the disk is rotated at different rates for different zones defined on the disk to maintain a constant bit density thereon.

7. U.S. 4,432,025, issued February 14, 1984 to Grogan, discloses a rotating disk data storage device in which data is written at different rates to different zones defined on the disk.

While each of the prior art references relates to a rotating disk data storage device, it is Applicant's belief that none of the before-mentioned patents, either singularly or in combination, discloses, teaches or even suggests the invention as disclosed and recited in each of Applicant's claims. Therefore, it is believed the claims as set forth in the subject application are patentably distinct over the references known to Applicant.

Respectfully submitted,

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Serial No.: 07/519,497 ) Examiner: Unknown  
Filed: May 4, 1990 )  
For: HARD SECTORING CIRCUIT AND )  
METHOD FOR A ROTATING DISK )  
DATA STORAGE DEVICE )

CERTIFICATE OF EXPRESS MAILING

I hereby certify that the enclosed Information Disclosure Statement, including form PTO-1449 and single copies of references, are being deposited with the United States Postal Service as EXPRESS MAIL, Receipt B22071463W, in an envelope addressed to Commissioner of Patents and Trademarks, Washington, D.C. 20231, on October 15, 1990 by Marcia Fitzbiggon.

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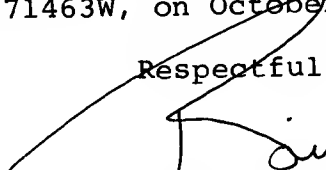
Re: Serial No. 07/519,497  
Applicant: Steven V. Holsinger  
Filed: May 4, 1990  
Entitled: HARD SECTORING CIRCUIT AND METHOD FOR A  
ROTATING DISK DATA STORAGE DEVICE  
Art Unit: 233  
Our Dkt. 20809 (MPI 8031.1)

Sir:

Transmitted herewith for filing in the above-identified case are an Information Disclosure Statement, with attached form PTO-1449, and single copies of the references listed therein.

Also enclosed are a Certificate of Express Mailing and a return-addressed postcard. These papers are being sent by Express Mail, No. B22071463W, on October 15, 1990.

Respectfully submitted,



Bill D. McCarthy  
Registration No. 26,772

BDM:gbh  
Enclosures